

ABSTRACT

This invention relates to the provision of a realistic 3-dimensional graphical representation of a publication on a display means such as a computer monitor or virtual reality goggles in which the publication includes a smooth fluid page-turn. The user interface to provide the publication on the display allows a user to request a subsequent page and produce a sequence of animated frames of the publication with the page progressively turned and recalculates the rotation of the page with respect to the publication and the orientation of the publication with respect to the user for each frame. In this manner the user can move around the publication in 3D space while the page is turning and still obtain an accurate view of the publication from each new angle assumed by the user.